

Title (en)
UPLINK POWER CONTROL FOR MULTIPLE COMPONENT CARRIERS

Title (de)
AUFWÄRTSSTRECKEN-LEISTUNGSREGELUNG FÜR MEHRKOMPONENTENTRÄGER

Title (fr)
COMMANDE DE PUISSANCE DE LIAISON MONTANTE POUR PLUSIEURS PORTEUSES DE COMPOSANTS

Publication
EP 2394472 A2 20111214 (EN)

Application
EP 10702667 A 20100202

Priority
• EP 2010051226 W 20100202
• US 20680709 P 20090203
• US 21033709 P 20090317

Abstract (en)
[origin: US2010197339A1] A first method includes determining if a sum of the transmit powers of individual component carriers is less than a maximum user equipment transmit power, adjusting the transmit power of one or more of the component carriers if the sum of the transmit powers of the individual component carriers is not less than the maximum user equipment transmit power, and transmitting the component carriers to a network access node. A second method includes identifying a component carrier with minimum transmit power and a component carrier with a maximum transmit power, calculating a power difference, determining if the power difference is greater than a predetermined maximum power difference and, if it is, increasing the transmit power of the component carrier with minimum transmit power by a first amount and decreasing the transmit power of the component carrier with the maximum transmit power by a second amount.

IPC 8 full level
H04W 52/34 (2009.01); **H04L 27/26** (2006.01)

CPC (source: EP US)
H04W 52/34 (2013.01 - EP US); **H04W 52/367** (2013.01 - EP US); **H04W 52/146** (2013.01 - EP US); **Y02D 30/70** (2020.08 - US)

Citation (search report)
See references of WO 2010089284A2

Designated contracting state (EPC)
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US 2010197339 A1 20100805; **US 8224372 B2 20120717**; EP 2394472 A2 20111214; EP 3010292 A1 20160420; EP 3010292 B1 20180829; US 2012314666 A1 20121213; US 8447345 B2 20130521; WO 2010089284 A2 20100812; WO 2010089284 A3 20101014

DOCDB simple family (application)
US 69914610 A 20100203; EP 10702667 A 20100202; EP 15198520 A 20100202; EP 2010051226 W 20100202; US 201213489870 A 20120606